

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum)

15670-052WO1

**Box No. I TITLE OF INVENTION**

Genome Mapping of Functional DNA Elements and Cellular Proteins

**Box No. II APPLICANT**

This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
1111 Franklin Street  
Oakland, CA 94607  
United States of America

Telephone No.

Faxsimile No.

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box for the purposes of:

**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

FU, Xiang-Dong  
5045 Pearlman Way  
San Diego, CA 92130  
United States of America

This person is:

- applicant only
- applicant and inventor
- inventor only (If this check-box is marked, do not fill in below)

Applicant's registration No. with the Office

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box for the purposes of:

Further applicants and/or (further) inventors are indicated on a continuation sheet.

**Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

agent  common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BAKER, Joseph R., Jr.  
Fish & Richardson P.C.  
12390 El Camino Real  
San Diego, California 92130  
United States of America

Telephone No.  
(858) 678-5070

Faxsimile No.  
(858) 678-5099

Teleprinter No.

Applicant's registration No. with the Office  
40,900

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:  
IPEA/US

# PCT

## CHAPTER II

### DEMAND

under Article 31 of the Patent Cooperation Treaty:  
The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

For International Preliminary Examining Authority use only

#### Identification of IPEA

#### Date of receipt of DEMAND

#### Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION

Applicant's or agent's file reference  
**034123-107**

International application No.  
**PCT/US04/021450**

International filing date (day/month/year)  
**02 JULY 2004  
(02.07.2004)**

(Earliest) Priority date (day/month/year)  
**03 JULY 2003  
(03.07.2003)**

#### Title of invention

**GENOME MAPPING OF FUNCTIONAL DNA ELEMENTS AND CELLULAR PROTEINS**

#### Box No. II APPLICANT(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

The Regents of the University of California  
1111 Franklin Street, 5th Floor  
Oakland, California 94607-5200  
United States of America

Telephone No.

Faximile No.

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality:  
**US**

State (that is, country) of residence:  
**US**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

FU, Xiang-Dong  
5045 Pearlman Way  
San Diego, CA 92130  
United States of America

State (that is, country) of nationality:  
**US**

State (that is, country) of residence:  
**US**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

KWON, Young-Soo  
7560 Charmant Drive, #1510  
San Diego, CA 92122  
United States of America

State (that is, country) of nationality:  
**KR**

State (that is, country) of residence:  
**US**

**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The following person is  agent  common representative  
 and  has been appointed earlier and represents the applicant(s) also for international preliminary examination.  
 is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.  
 is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.

|   |  |
|---|--|
| Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)</i> | Telephone No.<br><b>(619) 446-5600</b>   |
| Baker, Jr., Joseph R.<br>Burns Doane Swecker & Mathis, LLP<br>402 West Broadway<br>Suite 400<br>San Diego, CA 92101<br>United States of America                         | Faxsimile No.<br><b>(619) 446-5620</b>   |
|   | Teleprinter No.                          |
|   | Agent's registration No. with the Office |

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:\***

1. The applicant wishes the international preliminary examination to start on the basis of:

the international application as originally filed  
 the description  as originally filed  
 as amended under Article 34

the claims  as originally filed  
 as amended under Article 19 (together with any accompanying statement)  
 as amended under Article 34

the drawings  as originally filed  
 as amended under Article 34

2.  The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.

3.  The applicant wishes the start of the international preliminary examination to be postponed until the expiration of the applicable time limit under Rule 69.1(d).

4.  The applicant expressly wishes the international preliminary examination to start earlier than at the expiration of the applicable time limit under Rule 54bis.1(a).

- \* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

**Language for the purposes of international preliminary examination: English**

- which is the language in which the international application was filed.  
 which is the language of a translation furnished for the purposes of international search.  
 which is the language of publication of the international application.  
 which is the language of the translation (to be) furnished for the purposes of international preliminary examination.

**Box No. V ELECTION OF STATES**

The filing of this demand constitutes the election of all Contracting States.

## Box No. VI CHECK LIST

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- |  |   |             |  |
|--|---|-------------|--|
| 1. translation of international application                              | : | sheets      |  |
| 2. amendments under Article 34   | : | sheets      |  |
| 3. copy (or, where required, translation) of amendments under Article 19 | : | sheets      |  |
| 4. copy (or, where required, translation) of statement under Article 19  | : | sheets      |  |
| 5. letter  | : | sheets      |  |
| 6. other (specify) Revocation/Power of Attorney; Postcard                | : | 1, 1 sheets |  |

| For International Preliminary Examining Authority use only |                          |
|--|--------------------------|
| received   | not received             |
| <input type="checkbox"/>                                   | <input type="checkbox"/> |

The demand is also accompanied by the item(s) marked below:

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> fee calculation sheet                             | 5. <input type="checkbox"/> statement explaining lack of signature                         |
| 2. <input type="checkbox"/> original separate power of attorney                          | 6. <input type="checkbox"/> sequence listing in computer readable form                     |
| 3. <input type="checkbox"/> original general power of attorney                           | 7. <input type="checkbox"/> tables in computer readable form related to a sequence listing |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | 8. <input type="checkbox"/> other (specify):   |

## Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

Joseph R. Baker, Jr.,  
Reg. No. 40,900

## For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3.  The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.  
 The applicant has been informed accordingly.
4.  The date of receipt of the demand is WITHIN the time limit of 19 months from the priority date as extended by virtue of Rule 80.5.
5.  Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

6.  The date of receipt of the demand is AFTER the expiration of the time limit under Rule 54bis.1(a) and item 7 or 8, below, does not apply.
7.  The date of receipt of the demand is WITHIN the time limit under Rule 54bis.1(a) as extended by virtue of Rule 80.5.
8.  Although the date of receipt of the demand is after the expiration of the time limit under Rule 54bis.1(a), the delay in arrival is EXCUSED pursuant to Rule 82.

## For International Bureau use only

Demand received on 10/10/04

## PCT

## FEE CALCULATION SHEET

## Annex to the Demand

International application No. PCT/US04/021450

Applicant's or agent's file reference 034123-107

Applicant

The Regents of the University of California

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Date stamp of the IPEA

## CALCULATION OF PRESCRIBED FEES

1. Preliminary examination fee .....

600.00 P

2. Handling fee (*Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.*) .....

162.00 H

3. Total of prescribed fees  
Add the amounts entered at P and H and enter total in the TOTAL box .....

762.00

TOTAL

## MODE OF PAYMENT



authorization to charge deposit account with the IPEA (see below)



cheque



postal money order



bank draft



cash



revenue stamps



coupons



other (*specify*):

AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT  
*(This mode of payment may not be available at all IPEAs)*

Authorization to charge the total fees indicated above.

IPEA/ US

Deposit Account No.: 02-4800

Date: January 31, 2005

Name: Joseph R. Baker, Jr.